

Sortilin/SORT1 Protein, Human (HEK293, His)

Cat. No.:	HY-P78773
Synonyms:	Sortilin; SORT1; 100 kDa NT receptor; Glycoprotein 95; Gp95; Gp95LDLCQ6; Neurotensin receptor 3; NT3NTR3; Ntr3; sortilin 1;
Species:	Human
Source:	HEK293
Accession:	Q99523-1 (S78-N755)
Gene ID:	6272
Molecular Weight:	90-110 kDa

PROPERTIES

AA Sequence

S A P G E D E E C G	R V R D F V A K L A	N N T H Q H V F D D	L R G S V S L S W V
G D S T G V I L V L	T T F H V P L V I M	T F G Q S K L Y R S	E D Y G K N F K D I
T D L I N N T F I R	T E F G M A I G P E	N S G K V V L T A E	V S G G S R G G R I
F R S S D F A K N F	V Q T D L P F H P L	T Q M M Y S P Q N S	D Y L L A L S T E N
G L W V S K N F G G	K W E E I H K A V C	L A K W G S D N T I	F F T T Y A N G S C
K A D L G A L E L W	R T S D L G K S F K	T I G V K I Y S F G	L G G R F L F A S V
M A D K D T T R R I	H V S T D Q G D T W	S M A Q L P S V G Q	E Q F Y S I L A A N
D D M V F M H V D E	P G D T G F G T I F	T S D D R G I V Y S	K S L D R H L Y T T
T G G E T D F T N V	T S L R G V Y I T S	V L S E D N S I Q T	M I T F D Q G G R W
T H L R K P E N S E	C D A T A K N K N E	C S L H I H A S Y S	I S Q K L N V P M A
P L S E P N A V G I	V I A H G S V G D A	I S V M V P D V Y I	S D D G G Y S W T K
M L E G P H Y Y T I	L D S G G I I V A I	E H S S R P I N V I	K F S T D E G Q C W
Q T Y T F T R D P I	Y F T G L A S E P G	A R S M N I S I W G	F T E S F L T S Q W
V S Y T I D F K D I	L E R N C E E K D Y	T I W L A H S T D P	E D Y E D G C I L G
Y K E Q F L R L R K	S S V C Q N G R D Y	V V T K Q P S I C L	C S L E D F L C D F
G Y Y R P E N D S K	C V E Q P E L K G H	D L E F C L Y G R E	E H L T T N G Y R K
I P G D K C Q G G V	N P V R E V K D L K	K K C T S N F L S P	E K Q N S K S N

Biological Activity	Immobilized Recombinant Human Sortilin Protein at 4 µg/ml (100 µl/well) can bind Biotinylated Recombinant Human beta-NGF Protein. The ED ₅₀ for this effect is 273.8 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.22 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze

aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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